

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX030119\
 Data File : VX007802.D
 Acq On : 01 Mar 2019 20:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/4/2019 1:36:29 PM

Quant Time: Mar 01 23:27:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	304471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	397326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159487	42.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.58%	
35) Dibromofluoromethane	5.50	113	138779	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
50) Toluene-d8	8.71	98	509185	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	
62) 4-Bromofluorobenzene	11.13	95	182564	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113346	40.412	ug/l	100
3) Chloromethane	1.33	50	131843	42.419	ug/l	98
4) Vinyl Chloride	1.41	62	139558	43.766	ug/l	99
5) Bromomethane	1.64	94	77763	38.354	ug/l	96
6) Chloroethane	1.71	64	111874	54.914	ug/l	97
7) Trichlorofluoromethane	1.93	101	201124	41.143	ug/l	98
8) Diethyl Ether	2.19	74	85670	42.702	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	116908	39.568	ug/l	98
10) Methyl Iodide	2.51	142	163285	44.383	ug/l	99
11) Tert butyl alcohol	3.08	59	172654	241.281	ug/l	99
12) 1,1-Dichloroethene	2.37	96	115144	43.234	ug/l	94
13) Acrolein	2.30	56	98445	154.820	ug/l	100
14) Allyl chloride	2.73	41	246173	49.990	ug/l	92
15) Acrylonitrile	3.15	53	407399	241.929	ug/l	100
16) Acetone	2.45	43	357095	212.917	ug/l	98
17) Carbon Disulfide	2.57	76	340351	45.935	ug/l	99
18) Methyl Acetate	2.78	43	196820	53.780	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	421384	45.435	ug/l	98
20) Methylene Chloride	2.86	84	131287	42.393	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	123879	42.786	ug/l	93
22) Diisopropyl ether	3.87	45	489979	47.797	ug/l	93
23) Vinyl Acetate	3.82	43	2133227	237.183	ug/l	97
24) 1,1-Dichloroethane	3.70	63	260101	46.686	ug/l	98
25) 2-Butanone	4.70	43	606766	237.505	ug/l	96
26) 2,2-Dichloropropane	4.59	77	172760	38.846	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	154866	42.037	ug/l	93
28) Bromochloromethane	5.02	49	121479	44.788	ug/l	86
29) Tetrahydrofuran	5.15	42	406020	241.101	ug/l	93
30) Chloroform	5.21	83	250309	41.943	ug/l	99
31) Cyclohexane	5.57	56	229667	43.824	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	214500	43.460	ug/l	98
36) 1,1-Dichloropropene	5.80	75	185613	46.106	ug/l	97
37) Ethyl Acetate	4.85	43	228324	51.057	ug/l	99
38) Carbon Tetrachloride	5.78	117	190719	47.162	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219862	43.212	ug/l	94
40) Benzene	6.14	78	578946	46.587	ug/l	99
41) Methacrylonitrile	5.06	41	129179	54.096	ug/l	94
42) 1,2-Dichloroethane	6.20	62	192982	46.202	ug/l	99
43) Isopropyl Acetate	6.46	43	352508	51.217	ug/l	99
44) Trichloroethene	7.21	130	154016	45.052	ug/l	95
45) 1,2-Dichloropropane	7.52	63	155898	48.428	ug/l	97
46) Dibromomethane	7.66	93	97623	43.469	ug/l	98
47) Bromodichloromethane	7.90	83	194567	49.993	ug/l	100
48) Methyl methacrylate	7.77	41	184377	51.106	ug/l	91
49) 1,4-Dioxane	7.75	88	75991	975.230	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1147468	249.068	ug/l	100
52) Toluene	8.78	92	352571	44.991	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	209864	43.746	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	231679	49.054	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	146982	44.978	ug/l	98
56) Ethyl methacrylate	9.18	69	226332	48.704	ug/l	94
57) 1,3-Dichloropropane	9.37	76	244826	46.802	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	599754	234.037	ug/l	96
59) 2-Hexanone	9.49	43	867107	239.734	ug/l	100
60) Dibromochloromethane	9.59	129	163134	51.880	ug/l	99
61) 1,2-Dibromoethane	9.67	107	155517	45.837	ug/l	99
64) Tetrachloroethene	9.34	164	147312	45.670	ug/l	98
65) Chlorobenzene	10.14	112	387353	45.076	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	146892	49.004	ug/l	99
67) Ethyl Benzene	10.25	91	653805	45.928	ug/l	99
68) m/p-Xylenes	10.36	106	504950	91.179	ug/l	97
69) o-Xylene	10.69	106	245479	46.083	ug/l	96
70) Styrene	10.71	104	407367	46.525	ug/l	99
71) Bromoform	10.85	173	130312	57.973	ug/l	99
73) Isopropylbenzene	11.02	105	657078	45.072	ug/l	100
74) N-amyl acetate	10.90	43	303657	47.965	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	221159	43.862	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	212799m	48.944	ug/l	
77) Bromobenzene	11.26	156	175610	48.026	ug/l	95
78) n-propylbenzene	11.36	91	737648	44.777	ug/l	98
79) 2-Chlorotoluene	11.42	91	437445	44.101	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	542409	45.233	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	67652	42.196	ug/l	92
82) 4-Chlorotoluene	11.51	91	502262	43.284	ug/l	99
83) tert-Butylbenzene	11.77	119	545626	47.390	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	554125	45.175	ug/l	99
85) sec-Butylbenzene	11.94	105	648451	44.945	ug/l	99
86) p-Isopropyltoluene	12.06	119	580615	45.952	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	308378	45.466	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	309803	44.600	ug/l	100
89) n-Butylbenzene	12.38	91	481975	42.772	ug/l	99
90) Hexachloroethane	12.60	117	101766	47.801	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	309313	45.578	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48963	44.567	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	220465	53.220	ug/l	100
94) Hexachlorobutadiene	13.78	225	114910	60.637	ug/l	99
95) Naphthalene	13.83	128	661084	49.257	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	222127	53.403	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

